

8/17/05 2

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1022	((713/170) or (713/176) or (713/180)).CCLS.	USPAT	OR	OFF	2005/08/17 20:07
L2	106	1 and (@pd > "20050106")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 20:08
L3	106	1 and (@pd > "20050106")	USPAT	OR	ON	2005/08/17 20:08
L4	47	1 and (@pd > "20050106") and (digital adj signature) and (time clock)	USPAT	OR	ON	2005/08/17 20:26
L5	123	((clock time) and (digital adj signature) and (id identifier identification)).clm.	USPAT	OR	ON	2005/08/17 20:28
L6	0	((time) and (clock\$1) and (digital adj signature) and ((apparatus device unit system) adj (id identifier identification))).clm.	USPAT	OR	ON	2005/08/17 20:29
L7	0	((clock\$1) and (digital adj signature) and ((apparatus device unit system) adj (id identifier identification))).clm.	USPAT	OR	ON	2005/08/17 20:30
L8	11	((time) and (clock\$1) and (digital adj signature) and (id identifier identification)).clm.	USPAT	OR	ON	2005/08/17 20:30
S1	0	("Hasebe-takayuki.in.kotani-seigo.in.akiyama-ryota.in.sasaki-takaoki.in.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2003/12/01 09:44
S2	337	hasebe-takayuki.in. kotani-seigo.in. akiyama-ryota.in. sasaki-takaoki.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2003/11/25 11:25
S3	82	hasebe-takayuki.in. kotani-seigo.in. akiyama-ryota.in. sasaki-takaoki.in.	US-PGPUB; USPAT	OR	OFF	2003/11/25 11:26
S4	2	signature adj creating adj (apparatus device)	USPAT	OR	OFF	2003/11/25 13:26
S5	662	signature.ti.	USPAT	OR	OFF	2003/11/25 11:30
S6	58	(digital adj signature).ti.	USPAT	OR	OFF	2003/11/25 11:30
S7	3	signature adj creating adj (apparatus device)	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/25 13:39

S8	3	(digital adj signature) and clock and ((authentication adj authority) kdc (key adj distribution adj center)) and ((signing creating) same signature)	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/25 13:44
S9	47	create adj digital adj certificate	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/25 13:54
S10	31	(time adj stamping).ti.	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/25 14:09
S11	6	("4145568" "4625076" "4868877" "4881264" "4972474" "5001752").PN.	USPAT	OR	OFF	2003/11/25 13:57
S12	74	"5136646".URPN.	USPAT	OR	OFF	2003/11/25 13:58
S13	4	((("4458109") or ("5136643") or ("5422953") or ("5936149"))).PN.	USPAT; USOCR	OR	OFF	2003/11/25 14:10
S14	14	("4264782" "4386233" "4438824" "4458109" "4575621" "4625076" "4633036" "4637051" "4710955" "4797928" "4799258" "4837822" "4897875" "5001752").PN.	USPAT	OR	OFF	2003/11/25 14:16
S15	56	"5136643".URPN.	USPAT	OR	OFF	2003/11/25 14:18
S16	5	("4799258" "4837822" "4974193" "5001752" "5136647").PN.	USPAT	OR	OFF	2003/11/25 14:20
S17	49	"5422953".URPN.	USPAT	OR	OFF	2003/11/25 14:21
S18	16	("Re34954" "3990558" "4786940" "4831438" "5001752" "5022080" "5027395" "5075862" "5136646" "5136647" "5157726" "5189700" "5347579" "5497419" "5499294" "5646994").PN.	USPAT	OR	OFF	2003/11/25 14:35
S19	8	verisign.asn.	USPAT	OR	OFF	2003/11/25 14:50
S20	0	thawte.asn.	USPAT	OR	OFF	2003/11/25 14:51
S21	44	entrust.asn.	USPAT	OR	OFF	2003/11/25 14:54
S22	0	keywitness.asn.	USPAT	OR	OFF	2003/11/25 15:24
S23	0	(person administrator arbitrator party) adj who adj created adj digital adj signature	USPAT	OR	OFF	2003/11/25 15:24
S24	0	(person administrator arbitrator party) adj created adj digital adj signature	USPAT	OR	OFF	2003/11/25 15:24

S25	13	((person administrator arbitrator party entity) adj created) same (digital adj signature)	USPAT	OR	OFF	2003/11/25 16:32
S26	127	((check checking confirm confirming) same clock) and (digital adj signature)	USPAT	OR	OFF	2003/11/25 16:33
S27	46	((check checking confirm confirming) near10 clock) and (digital adj signature)	USPAT	OR	OFF	2003/11/25 16:42
S28	1	central adj time adj authority	USPAT	OR	OFF	2003/11/25 16:54
S29	0	(person individual administrator notary) adj created adj (digital adj signature)	USPAT	OR	OFF	2003/11/25 16:54
S30	0	(person individual administrator notary) adj created adj (digital adj signature)	US-PGPUB; USPAT	OR	OFF	2003/11/25 16:56
S31	1	("5189700").PN.	USPAT; USOCR	OR	OFF	2003/11/25 17:42
S32	0	(confirms adj working adj clock) same voltage	USPAT	OR	OFF	2003/11/25 17:42
S33	4	(working near10 clock) same voltage same threshold	USPAT	OR	OFF	2003/11/25 17:43
S34	1	("5444780").PN.	USPAT; USOCR	OR	OFF	2003/11/26 09:56
S35	13	("4310720" "4423287" "4575621" "4736419" "4825050" "4933898" "5001752" "5022080" "5136643" "5136646" "5136647" "5166953" "5189700").PN.	USPAT	OR	OFF	2003/11/26 09:37
S36	456	(713/176).CCLS.	USPAT; USOCR	OR	OFF	2003/11/26 09:56
S37	6	((713/176).CCLS.) and (timekeeping timestamping time. ti.)	USPAT	OR	OFF	2003/11/26 10:00
S38	181	(713/180).CCLS.	USPAT; USOCR	OR	OFF	2003/11/26 10:01
S39	9	((713/180).CCLS.) and witness	USPAT	OR	OFF	2003/11/26 10:34
S40	1	("5189700").PN.	USPAT; USOCR	OR	OFF	2003/11/26 10:54
S41	181	(713/170).CCLS.	USPAT; USOCR	OR	OFF	2003/11/26 10:55

S42	97	((("5982896") or ("6058193") or ("6298153") or ("4868877") or ("5661803") or ("6397329") or ("6425081") or ("6021491") or ("5541994") or ("5832091") or ("5608800") or ("4916738") or ("6148400") or ("6456716") or ("4995081") or ("5915024") or ("RE34954") or ("5600725") or ("5958051") or ("6189097") or ("6212504") or ("6212504") or ("6363479") or ("6480606") or ("5499294") or ("5504818") or ("5673316") or ("5680460") or ("5742756") or ("5761306") or ("5898779") or ("6119228") or ("6240187") or ("4897875") or ("5857025") or ("6061789") or ("6061789") or ("6078665") or ("6301660") or ("6370247") or ("6513118") or ("5748738") or ("5933503") or ("6105137") or ("5414772") or ("5604802") or ("5661805") or ("5819289") or ("5912974") or ("6072874") or ("6078909") or ("6476351") or ("6039257") or ("6560336") or ("5935248") or ("5953416") or ("4776011") or ("5734819") or ("5739512") or ("5754656") or ("5995626") or ("6002605") or ("6131162") or ("6137710") or ("6188995") or ("6269445") or ("5748782") or ("5948103") or ("5987131") or ("5774550") or ("6243467") or ("4264782") or ("6065119") or ("6085320") or ("6108783") or ("6122742") or ("6148404") or ("6189098") or ("6212637") or ("6212637") or ("4625076") or ("4964164") or ("5005200") or ("5214702") or ("5231668") or ("5373558") or ("5420927") or ("5421006") or ("5434917") or ("5604804") or ("5610982") or ("5615268") or ("5625695") or ("5638447") or ("5668878") or ("5694471") or ("5696827") or ("5699431") or ("5717759") or ("5799086")).PN.	USPAT; USOCR	OR	OFF	2003/11/26 11:39
S43	0	((creating create creation) and verification and (digital adj signature)).ti.	USPAT	OR	OFF	2003/11/26 11:39

S44	80	((creating create creation) same verification same (digital adj signature))	USPAT	OR	OFF	2003/11/26 11:40
S45	3	((creating create creation) same verification same (digital adj signature)) and (digital adj signature).ti.	USPAT	OR	OFF	2003/11/26 12:47
S46	1	("5422953").PN.	USPAT; USOCR	OR	OFF	2003/11/26 12:58
S47	47	(personal adj identification) same (digital adj signature)	USPAT	OR	OFF	2003/11/26 13:40
S48	1	("5422953").PN.	USPAT; USOCR	OR	OFF	2003/11/26 14:02
S49	20	fischer-addison-m.in.	USPAT	OR	OFF	2003/11/26 14:05
S50	4	((digital adj signature) and verification).ti.	USPAT	OR	OFF	2003/11/26 14:18
S51	10	((digital adj signature) and verification).ti.	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 14:21
S52	5	((digital adj signature) and verification) and (switching adj unit)	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 14:22
S53	339	((digital adj signature) same verification) and (switch switching)	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 15:22
S54	9	((digital adj signature) same (verification and creation)) and (switch switching)	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 14:31
S55	158	((digital adj signature) same (verification and creation))	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 14:50
S56	10	((digital adj signature) and verification).ti.	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 14:50
S57	10	((digital adj signature) same verification) same switch	US-PGPUB; USPAT; JPO	OR	OFF	2003/11/26 17:10
S58	0	verification adj key adj based adj id	USPAT	OR	OFF	2003/11/26 17:10
S59	288	verification adj key derived adj id	USPAT	OR	OFF	2003/11/26 17:11
S60	356	verification adj key derived adj identification	USPAT	OR	OFF	2003/11/26 17:11
S61	0	verification adj key adj derived adj identification	USPAT	OR	OFF	2003/11/26 17:11
S62	0	verification adj key adj derived adj id	USPAT	OR	OFF	2003/11/26 17:26
S63	1	multiple adj digital adj signature	USPAT	OR	OFF	2003/11/26 17:26

S64	0	((key adj distribution adj center) kdc) same (cryptographic adj information) same (generate adj key)	USPAT	OR	OFF	2003/11/26 17:52
S65	0	((key adj distribution adj center) kdc) and ((cryptographic adj information) same (generate adj key))	USPAT	OR	OFF	2003/11/26 17:52
S66	0	((key adj distribution adj center) kdc) and ((cryptographic adj information) and (generate adj key))	USPAT	OR	OFF	2003/11/26 17:52
S67	1	((key adj distribution adj center) kdc) and ((cryptographic adj information) and (key adj generation))	USPAT	OR	OFF	2003/11/26 17:59
S68	20	((cryptographic adj information) and (key adj generation))	USPAT	OR	OFF	2003/11/26 17:54
S69	31	((key adj distribution adj center) kdc) and (key adj generation)	USPAT	OR	OFF	2003/11/26 18:01
S70	7	((key adj distribution adj center) kdc) and (key adj generation) and elgamal	USPAT	OR	OFF	2003/11/26 18:01
S71	61	(key.ti.) and (key adj (generating generate)) and ((public same private) and key)	USPAT	OR	OFF	2003/12/01 09:45
S72	28	key adj generating adj unit	USPAT	OR	OFF	2003/12/01 09:55
S73	2	(key adj generating adj unit) and (elgamal (el adj gamal))	USPAT	OR	OFF	2003/12/01 10:46
S74	3	("5724425" "5867578" "6021202").PN.	USPAT	OR	OFF	2003/12/01 09:56
S75	0	"6298153".URPN.	USPAT	OR	OFF	2003/12/01 09:57
S76	1	(key adj generating adj unit) and ((public and private) adj key)	USPAT	OR	OFF	2003/12/01 10:49
S77	2024	(generate key) and ((public and private) adj key)	USPAT	OR	OFF	2003/12/01 10:49
S78	118	(generate adj key) and ((public and private) adj key)	USPAT	OR	OFF	2003/12/01 10:49
S79	66	(generate adj keys) and ((public and private) adj key)	USPAT	OR	OFF	2003/12/01 11:11
S80	28	key adj generating adj unit	USPAT	OR	OFF	2003/12/01 12:59
S81	538	switch and (digital adj signature)	USPAT	OR	OFF	2003/12/01 13:00
S82	2	(switch same (creation and validation)) and (digital adj signature)	USPAT	OR	OFF	2003/12/01 13:42
S83	0	(signature adj based adj apparatus adj (id identification))	USPAT	OR	OFF	2003/12/01 13:44

S84	7	signature same (apparatus adj (id identification))	USPAT	OR	OFF	2003/12/01 13:53
S85	42	alternative adj signature	USPAT	OR	OFF	2003/12/01 17:06
S86	7	(alternative adj (method step technique)) and (digital adj signature).ti.	USPAT	OR	OFF	2003/12/01 18:21
S87	0	((alternative adj (method step technique)) same (fail failure)) and (digital adj signature).ti.	USPAT	OR	OFF	2003/12/01 18:21
S88	1	((alternative adj (version method step technique)) same (fail failure)) and (digital adj signature)	USPAT	OR	OFF	2003/12/01 18:23
S89	130	(alternative adj (method step technique)) and (digital adj signature)	USPAT	OR	OFF	2003/12/01 18:24
S90	80	(alternative adj (method step technique)) same fault	USPAT	OR	OFF	2003/12/01 18:25
S91	11	(alternative adj (method step technique)) same ((failure fault) adj (found detected))	USPAT	OR	OFF	2003/12/01 18:26
S92	1	"4295041".pn.	USPAT	OR	OFF	2003/12/02 09:56
S93	1	"5422953".pn.	USPAT	OR	OFF	2003/12/02 11:00
S94	1	("5189700").PN.	USPAT; USOCR	OR	OFF	2003/12/02 11:05
S95	1	("6298153").PN.	USPAT; USOCR	OR	OFF	2003/12/02 11:20
S96	1	("4230958").PN.	USPAT; USOCR	OR	OFF	2003/12/02 11:21
S97	630	flag same malfunction	USPAT	OR	OFF	2003/12/02 11:21
S98	16	(flag same malfunction) and signature	USPAT	OR	OFF	2003/12/02 11:21
S99	1	("5189700").PN.	USPAT; USOCR	OR	OFF	2004/05/19 11:52
S100	13	digital adj signature same (user adj verification)	USPAT	OR	OFF	2004/05/19 13:51
S101	0	digital adj signature same (user adj verification) same update	USPAT	OR	OFF	2004/05/19 13:51
S102	0	digital adj signature same (user adj verification) same updates	USPAT	OR	OFF	2004/05/19 13:51
S103	0	(digital adj signature) same (user adj verification) same updates	USPAT	OR	OFF	2004/05/19 13:51
S104	0	(digital adj signature) and ((user adj verification) same updates)	USPAT	OR	OFF	2004/05/19 13:51
S105	0	(digital adj signature) and ((user adj verification) same update)	USPAT	OR	OFF	2004/05/19 13:51

S10 6	5	(digital adj signature) and ((verify adj user) same update)	USPAT	OR	OFF	2004/05/19 13:53
S10 7	5	(digital adj signature) and ((verify adj user) same updates)	USPAT	OR	OFF	2004/05/19 13:57
S10 8	17	(update same (smart adj card)) and (digital adj signature)	USPAT	OR	OFF	2004/05/19 14:10
S10 9	0	((connection adj data) same ((user adj id) (personal adj identification adj number))) and (digital adj signature)	USPAT	OR	OFF	2004/05/19 16:43
S11 0	38	((update) same ((user adj id) (personal adj identification adj number))) and (digital adj signature)	USPAT	OR	OFF	2004/05/19 16:45
S12 2	1	("5907619").PN.	USPAT	OR	OFF	2004/11/30 11:36
S12 3	1	("5189700").PN.	USPAT	OR	OFF	2004/11/30 12:40
S12 4	0	personal adj identification adj storage adj unit	USPAT	OR	OFF	2004/11/30 12:40
S12 5	0	user adj id adj storage adj unit	USPAT	OR	OFF	2004/11/30 12:41
S12 6	0	user adj identification adj storage adj unit	USPAT	OR	OFF	2004/11/30 12:41
S12 7	22	user adj id adj storage	USPAT	OR	OFF	2004/11/30 12:44
S12 8	0	(user adj id adj storage) same update	USPAT	OR	OFF	2004/11/30 12:44
S12 9	251	(user adj id) same update	USPAT	OR	OFF	2004/11/30 12:44
S13 0	21	(user adj id) same update same personal	USPAT	OR	OFF	2004/11/30 13:01
S13 1	16	(user adj id) same (update near10 password)	USPAT	OR	OFF	2004/11/30 12:49
S13 2	3	(user adj id) same (update) same (smart adj card)	USPAT	OR	OFF	2004/11/30 12:49
S13 3	6	(id) same (update) same (smart adj card)	USPAT	OR	OFF	2004/11/30 12:49
S13 4	54	("4874935").URPN.	USPAT	OR	OFF	2004/11/30 12:54
S13 5	48	("5189700").URPN.	USPAT	OR	OFF	2004/11/30 13:01
S13 6	0	(user adj id) same update same personal same smart	USPAT	OR	OFF	2004/11/30 13:02
S13 7	3	(user adj id) same update same smart	USPAT	OR	OFF	2004/11/30 13:02

S13 8	0	(personal adj id) same update same smart	USPAT	OR	OFF	2004/11/30 13:02
S13 9	3	(personal adj identification) same update same smart	USPAT	OR	OFF	2004/11/30 13:03
S14 0	7	(pin) same update same smart	USPAT	OR	OFF	2004/11/30 13:03
S14 1	750	(pin) same update	USPAT	OR	OFF	2004/11/30 13:03
S14 2	153	(pin) near10 update	USPAT	OR	OFF	2004/11/30 13:04
S14 3	12	(pin) same (update adj (password personal user))	USPAT	OR	OFF	2004/11/30 16:41
S14 4	899	((713/170) or (713/176) or (713/180)).CCLS.	USPAT	OR	OFF	2004/11/30 16:42
S14 5	165	S144 and @pd > "20031129"	USPAT	OR	OFF	2004/11/30 16:46
S14 6	96	S144 and @pd > "20031129" and signature	USPAT	OR	OFF	2004/11/30 16:46
S14 7	11	S144 and @pd > "20031129" and signature and ((user adj id) (personal adj id) pid)	USPAT	OR	OFF	2004/11/30 16:46
S14 8	439	((user personal) adj (id identifier identification)) with secure	USPAT	OR	OFF	2005/05/05 13:07
S14 9	5	((user personal) adj (id identifier identification)) with secure with encrypt	USPAT	OR	OFF	2005/05/05 13:16
S15 0	1	(chip and tamper and protection). ab.	USPAT	OR	OFF	2005/05/05 13:17
S15 1	1	(chip and tamper and (encrypt encryption)).ab.	USPAT	OR	OFF	2005/05/05 13:18
S15 2	17	(chip and tamper).ab.	USPAT	OR	OFF	2005/05/05 13:24
S15 3	2995	digital adj signature	USPAT	OR	OFF	2005/05/05 13:24
S15 4	327	(digital adj signature).ab.	USPAT	OR	OFF	2005/05/05 13:49
S15 5	0	(digital adj signature and append). ab.	USPAT	OR	OFF	2005/05/05 13:25
S15 6	4	(digital adj signature and appends).ab.	USPAT	OR	OFF	2005/05/05 13:25
S15 7	957	((713/170) or (713/176) or (713/180)).CCLS.	USPAT	OR	OFF	2005/05/05 13:49
S15 8	58	S157 and (@pd > "20041203")	USPAT	OR	OFF	2005/05/05 14:19
S15 9	0	(cryptographically adj seal) with (id identifier)	USPAT	OR	OFF	2005/05/05 14:20

S16 0	0	(cryptographically adj seal) with (identification)	USPAT	OR	OFF	2005/05/05 14:20
S16 1	16	(cryptographically adj seal)	USPAT	OR	OFF	2005/05/05 14:21
S16 2	1	("5828751").PN.	USPAT	OR	OFF	2005/05/05 14:27
S16 3	573	(cryptographic encrypt) with (id identifier)	USPAT	OR	OFF	2005/05/05 14:28
S16 4	19	(cryptographic encrypt) with ((apparatus device) adj(id identifier))	USPAT	OR	OFF	2005/05/05 14:36
S16 5	18	(secure) with ((apparatus device) adj(id identifier))	USPAT	OR	OFF	2005/05/05 14:36
S16 6	49	("5189700").URPN.	USPAT	OR	OFF	2005/05/05 14:44
S16 7	7	((("5189700") or ("5157726") or ("5136647") or ("5136646") or ("5022080") or ("5001755") or ("4786940")).PN.	USPAT	OR	OFF	2005/05/05 14:55
S16 8	60	(cryptographically cryptographic) with (seal sealing)	USPAT	OR	OFF	2005/05/05 14:57
S16 9	0	notorized adj (id identifier)	USPAT	OR	OFF	2005/05/05 14:57
S17 0	0	notarized adj (id identifier)	USPAT	OR	OFF	2005/05/05 15:20
S17 1	23	(checksum hash) with (alter change modify) with (id identifier)	USPAT	OR	OFF	2005/05/05 15:36
S17 2	3	("4211919" "4656474" "4796181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/05 15:28
S17 3	15	(checksum hash) with (alter change modify) with (database)	USPAT	OR	OFF	2005/05/05 15:37
S17 4	642	(checksum hash) with (alter change modify)	USPAT	OR	OFF	2005/05/05 15:37
S17 5	12	(checksum hash) with (alter change modify) with hardware	USPAT	OR	OFF	2005/05/05 15:38
S17 6	37	(signature) with (alter change modify) with (id identifier identification)	USPAT	OR	OFF	2005/05/05 15:44
S17 7	10	tamper adj protection adj (system method)	USPAT	OR	OFF	2005/05/05 15:46
S17 8	185	tamper adj proofing	USPAT	OR	OFF	2005/05/05 15:46
S17 9	102	tamperproofing	USPAT	OR	OFF	2005/05/05 15:46

S18 0	0	(cryptographic encrypt) with tamperproofing	USPAT	OR	OFF	2005/05/05 15:47
S18 1	12783	(cryptographic encrypt) with tamperadj proofing	USPAT	OR	OFF	2005/05/05 15:46
S18 2	0	(cryptographic encrypt) with tamper adj proofing	USPAT	OR	OFF	2005/05/05 15:47
S18 3	0	(cryptographic encrypt) same tamperproofing	USPAT	OR	OFF	2005/05/05 15:47
S18 4	0	(cryptographic encrypt) same tamper adj resistant	USPAT	OR	OFF	2005/05/05 15:47
S18 5	8	(cryptographic encrypt) same tamper adj proofing	USPAT	OR	OFF	2005/05/05 15:53
S18 6	170	(tamper adj protection)	USPAT	OR	OFF	2005/05/05 15:53
S18 7	8	(tamper adj protection) same (signature encrypt cryptographic)	USPAT	OR	OFF	2005/05/05 15:54
S18 8	23	abraham-dennis-g.in.	USPAT	OR	OFF	2005/05/05 15:59
S18 9	1	("5,027,397").PN.	USPAT	OR	OFF	2005/05/05 16:36
S19 0	688	(storage adj (unit device)) same (cryptographic encrypt signature)	USPAT	OR	OFF	2005/05/05 16:38
S19 1	350	(storage adj (unit device)) with (cryptographic encrypt signature)	USPAT	OR	OFF	2005/05/05 16:38
S19 2	6	(storage adj (unit device)) with (cryptographic encrypt signature) with (tamper\$)	USPAT	OR	OFF	2005/05/05 16:38